

Figure S1: Mean radius in each mode for all models in the Equatorial injection case.

Global tropospheric AOD (from sulfate)

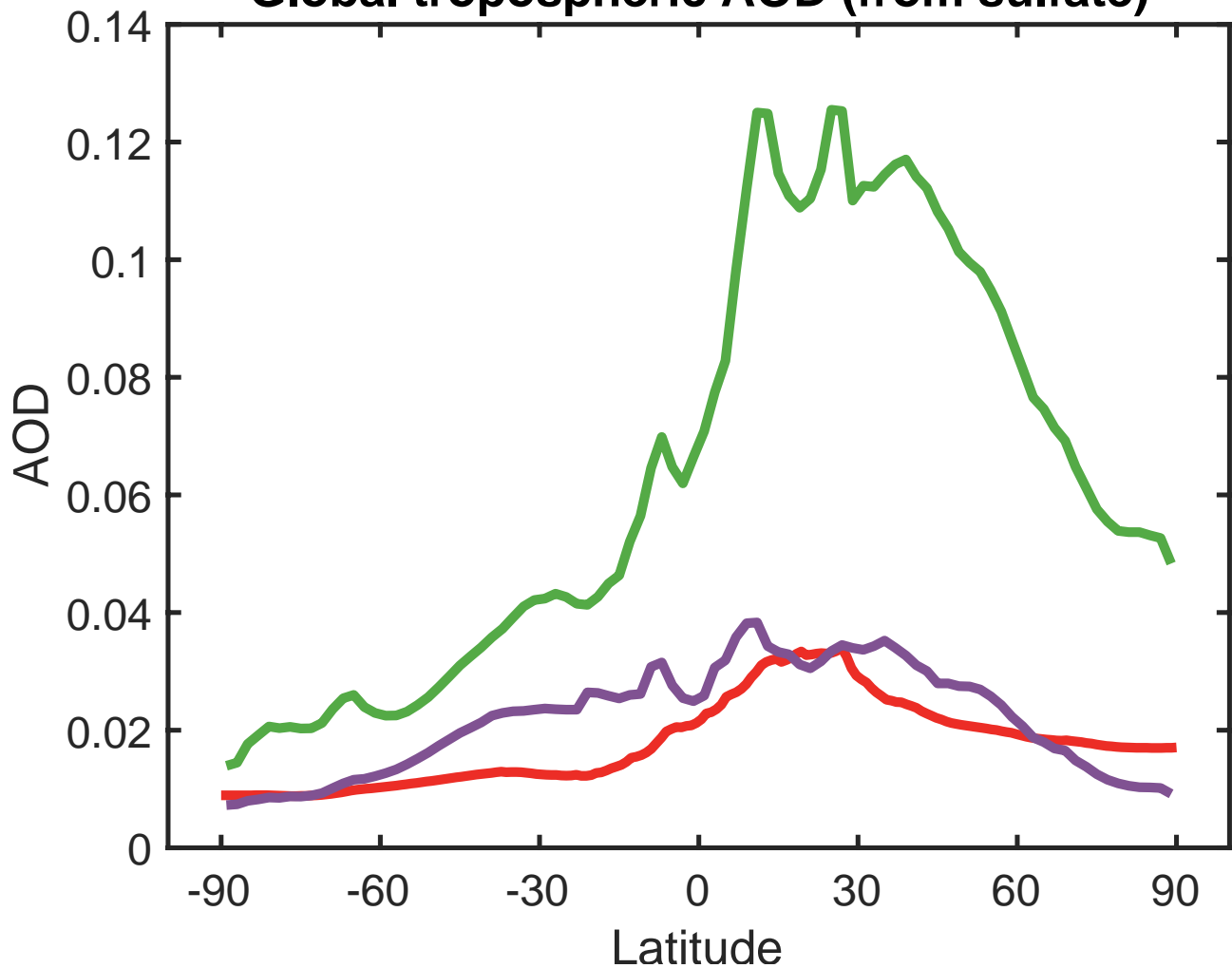


Figure S2: Latitudinal distribution of tropospheric AOD from sulfate in the considered period in the Baseline scenarios for GISS bulk (green), GISS modal (purple) and CESM2 (red). UKESM1 is not included, as it doesn't calculate AOD explicitly for each aerosol species.